West Indies Make Attractive Automobile Touring Ground

Cuba, the Bahamas and the Windward Islands All Present Picturesque Features for the Motorist Who Has

Seen America and Can't See Europe

If war comes American motorists who are outside the fighting age will have to confine their driving to our own and a great variety of social "events." much attractive touring ground is to be roads as the islands

nited Fruit Company's steam-e New York for Havana every , while the Cuba mail boats e weekly. The cost of freight minimum in the case of tour-

coast. The run should be timed passport when visiting t Batabano is reached in time for The freight rate charge trure of the steamer, which bles, tr bout 2 P. M. on Mondays, gers' ba ays and Fridays and completes foot, an extended to the service of the retty beaches or to the planta-

Porto Rico's Scenery

toms troubles to tourists taking their automobiles for touring purposes, while the local license laws are very lenient. The New York and Porto Rico Steamship Company carries passengers' cars between New York and San Jun at rates varying from \$25 to \$50, and has a beat sailing every Saturday from Brooklyn that takes four days on the voyage. It is not necessary for visitors to either Cuba or Porto Rico to provide themselves with passports, although such papers may at times be found useful for purposes of identification.

The British island of Jamaica is very for from being terra incognita to American tourists. Its 3,000 miles of excellent roads, its comfortable hotels but wonderfully seaworthy surf boats.

Packet Company. Both these lines carry passengers' automobiles at the uniform rates of \$40 each for cars weighing less than 4,000 pounds and \$60 for cars above that weight. Passports are absolutely necessary for visitors to Jamaica.

Santo Domingo Is New

There is yet another West Indian island whose claims from a scenic point of view are unique. Santo Domingo, or the Republic of Dominica, a magnificent semi-tropical region, 29,000 square miles in extent, offers opportunities to those tourists desiring mountain scenery and glorious tropical forests that are without their equal in the world. Unfortunately, the undeveloped state of the country and the unstable social conditions render a tour in this fascinating land an undertaking of some uncertainty, while the total absence of suitable roads makes automobile touring an impossibility.

Shooting in Antiqua Shooting in Antique of the most attractive of all the mislands is Antigua. The search of sovernment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward Islands, whose principal town. St. Johns, contains ment of the Leeward

sence of suitable roads makes automobile touring an impossibility.

Steamers of the Clyde Steamship Company sail twice meathly for Santo Domingo City from Brooklyn, and make the voyage in about a week, though the majority of passengers prefer to continue the interesting circular trip arranged by this company around the island cuisine is equally distinctive and interesting, it is of a somewhat more orthodox character, and a visit ashore is to be recommended for the charming peep into French tropical life to form the company around the island cuisine is equally distinctive and interesting, it is of a somewhat more orthodox character, and a visit ashore is to be recommended for the charming peep into French tropical life. To the southward of Guadaloupe lies Dominica, whose mountain and valley scenery is unique. Its forests of majority of passengers prefer to continue the interesting circular trip arranged by this company around the island of Santo Dozningo, staying on board the ship at the various ports of by the flocks of the flocks

call and being independent of hotel life on shore.

With the exception of Santo Domingo, the four principal West Indian islands have become all more or less familiar touring grounds to quite an appreciable number of winter visitors from the United States, but besides these regions, there are a number of scattered islands and less known groups that offer special inducements to the American visitor desiring complete change of scene and surroundings.

Hitting in brilliant flashes of gorgeous coloring among the luxuriant foliage and presenting a scene of exquisite beauty. The quaint Old World town of Roseau, at which the steamer calls, is also full of interest to visitors.

Martinique Is Tragic

A sense of tragedy marks the interest taken by the traveller in the island of Martinique, a wildly mountainous spot, clad in the densest growth of tropic forestry, that is next reached by the steamer on its voyage south. Here, on

ossesses several hundred miles satisfactory motoring high-addition to the network of ading to all points from Ha-uite pleasant tours can be uch places as Matanzas, Bata-port of departure for the lale

Some delightful tours can be

the simplicity of its customs and license formalities have for many years combined with its superb scenery and climate to attract a large and enthusiastic number of automobile tourists from the United States each winter.

Kingston, chief port and capital of Jamaica, is five days' stoam from New York by the boats of the United Fruit Company or the Royal Mail Steam Packet Company. Both these lines carry passengers' automobiles at the uniform rates of \$40 each for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weighing less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds and \$60 for cars weight less than 4,000 pounds a

clad in the densest growth of tropic forcestry, that is next reached by the steamer on its voyage south. Here, on May 8, 1902, occurred the disastrous eruption of Mont Pelée, which not only caused untied hands and the little island group of the Bermudas. Shakespeare's "still vexed Bermoothes," which, lying north of the tropics, are yet within the influence of the warm flood of the Gulf Stream. The result is a delightfully temperate and healthful climate, inswhich vegetation flourishes and flowers even to be in perpetual bloom, and visitors find, among the three bloom, and visitors find, among the three boundred or four hundred islands com-

richness of its surroundings. A handsome cathedral, pretty squares and
beautiful public gardens add to the attractiveness of the city, while the
mountainous countryside, fast recovering from the effects of the eruption,
may be explored by means of excellent
roads. At the near-by catale of La
Pagerie may be seen the fine statue
marking the birthplace of Josephine,
Empress of the first Napoleon.

Advertising Is Boosting

Salvation Army Grows



Boil Gasolene If You'd Know Its Fuel Value

Gravity Test Doesn't Mean as Much as "Cooking," Says Service Manager

tained it is necessary to remember that crude oil is a mixture of a large num-

optain the information on the boiling range, and then by observation should determine whether increased efficiency in the fancy grades make them econom-ical te have

20 per cent, boiling at 1 grees Fahrenheit in order to qualify.

Hot Fighting Coming, Herve Warns France

Action in West May Be as Severe as Verdun, Says Editor

There is something peculiarly inter-There is something peculiarly inter-a booklet telling which oil mixture is esting in the position which Gustave suitable for each motor. Hervé has carved out for himself in the public life of France during the last two and a half years. The man who, before the war, was notorious throughout the country for his anti-patriotism has come to be regarded as one of the soundest and sanest patriots in all France, and his opinions are held in esteem by people of many divergent views, says "The Christian Science Monitor."

M. Hervé may criticise the government, may hurl his invectives against the press censor and may be entirely intolerant of incompetence in any direction, but the French public has come to be assured of two things which give it a special confidence in the editor of "La Victoire"—namely, his impartiality and the unwavering steadfastness with which he puts France before all class.

It is for these reasons that M. Herve can, without the slightest suspicion presumption, address the French people through his paper and warn them, praise them or encourage them, as the eccasion may require. Recently he has praise them or encourage them, as the occasion may require. Recently he has been telling his readers how, in his opinion, it would be well for Frenchmen to carry themselves toward the development of what he calls the coming "great and final offensive in the West." With that astonishing balance of judgment which is almost piquant in its unexpectedness, as coming from Hervé, the anti-patriot, he would steadily hold thought to the middle course.

Let Frenchmen not indulge in the futile and comfortable assumption that their opponents have reached the end

tatle and comfortable assumption that their opponents have resched the end of their resources and cannot make any impression on the Allied front. France has still arrayed against her vast masses of men and material. Let them not be aurprised if they have to face a recurrence of fighting as severe as that which occurred before Verdun more than a year ago.

which occurred before Verdun more than a year ago.

In the next sentence, however, he rounds on those who fly to the other extreme; who raise the cry of France in danger; who undermine faith in those who are "guarding the line," and who declare that neither the country or her army is appropriate to meet the who declare that neither the country nor her army is prepared to meet the impending shock. The Allies, M. Hervé asserts, in so many words, have the men and the materiel to accomplish all that is necessary. The call of the mo-ment, then, is for an understanding faith and an understanding confidence. So every now and again Gustave Hervé addresses his great constituency, and an ever increasing number of streets ive the aspect. How the Conveyer Works Shown in a tropical Ford Film and an ever increasing number of Frenchmen spe coming to recognize that the editor of "La Victoire" usually gives good counsel. Abou Ben Adhem

-Top of Column Abou Ben Adhem (may his tribe decrease) Awoke one day from a deep dream of peace, And realized—his soul within him

shrunk—
His car was nothing more or less
than junk!
Exceeding thrift had made Ben
Adhem bold. He did not rave about, or swear and scold, But went to a garage. "Come .ook, he said: The man did so—and slowly shook his head. "You fix it up"—then Adhem spoke more low more low—
"So I can drive it for a mile or so."

He brought a man. "The car," he said, "is right.
It's just been overhauled—it's al-And, lo: the crafty Adhem put it through! —H. S. O.

Freight Situation Little Improved

was formed recently to represent the shead and got salesroom space and another week before there is anything

from Pittsburgh.
The situation isn't quite as bad around Indianapolis as in other auto-around legislates. Cars going east, west, sabile centres. Cars going east, west, sabile centres. towns east of Pittsburgh, but to other points she is having little difficulty. For instance, last week Premier shipped 121 cars, at the rate of 6,232

Maine Numbers Autoists Who'd Go to Fight

State Automobile Association Makes Census of Cars Available

would welcome any suggestions that you may have to offer in relation to the attitude of our association toward the government during this critical seriod. (Signed) GEORGE T. FILES, President Maine Automobile Asso-

In the absence of Secretary John C. cates mail your reply to D. W. HOEGG, Jr., Chairman Touring Bureau. 12 Monument Square, Portland, Me

New Wrinkles for Car Owners

Readers of The Tribune who want to know where any of these things y be had can find out by addressing a request to the Automobile Editor. Advantag

Brake shees for Fords, steel through out. The features of the steel construction are increased strength, resiliency, ease of relining and lightness. The shoes are packed in cartons containing one complete set, including springs. Price, \$2.

A patented compound contains pure vegetable castor oil, combined with mineral and other vegetable oils for engine lubrication. This oil is said to give all the advantages of a pure castor oil at a reduced cost. Special combinations are offered suitable for every type of engine, and the company offers a booklet telling which oil mixture is suitable for each motor.

A back rest for the driver, which fits closely around the body, is upholstered with Fabrikoid and costs \$3.

This crank holder is designed to stop the rattling of the starting crank and is particularly for Fords. It clamps around the fender support and holds the starting crank to one side. Price, and the starting crank to one side. Price, is cents.

Between the top and the windshield and with each of 32-ounce enamelled rubber as a booklet telling which oil mixture is suitable for each motor.

A combination license holder, crank holder is designed to stop the rattling of the starting crank and is particularly for Fords. It clamps to any appreciable extent the road illumination, "said Mr. McMurtty." (This is particularly for Fords. It clamps to any appreciable extent the road illumination of the problem must result in a compromise between the value of the road illumination and the glar ing effect produced by the lamps.

Between the top and the windshield and with curl fast and the windshield and with curl f

Date, Event and Promoter.

A back rest for the driver, which fits

A combination license holder, crank holder and car lock. The device is a metal bracket, at the lower side of which is a crossbar carrying the license fits any Ford car.

Dates for Auto Race Season

March 18- Track, Pleasanton, Cal., California Race Association. May 10-Speedway, Uniontown, Penn., Uniontown Speedway Association.

May 19-Speedway, New York, N. Y., Sheepshead Bay Speedway. May 30-Speedway, Indianapolis, Ind., Indianapolis Motor Speedway

May 30-Track, Walla Walla, Wash., R. A. Hiller, Manager. May 30-Speedway, Uniontown, Penn., Uniontown Speedway Association.

June 9 Speedway, Chicago, Ill., Speedway Park Association. June 16-Speedway (dirt), Kansas City, Mo., Kansas City Speedway. June 23-Speedway, Cincinnati, Ohio, Cincinnati Motor Speedway

July 4-Road Race, Visalia, Cal., Tulare County Auto Club. July 4-Track, Spokane, Wash., R. A. Hiller, Manager.

July 4-Track, Benton Harbor, Mich., F. E. Fitzsimmons. July 4-Speedway, Uniontown, Penn., Uniontown Speedway Association. July 4-Speedway, Tacoma, Wash., Tacoma Speedway Association.

July 4-†Speedway, Omaha, Neb., Omaha Speedway Company.

July 14- Speedway, Des Moines, Iowa, Des Moines Auto Speedway. July 15-Track, Missoula, Mont., R. A. Hiller Manager.

July 17-19-Intercity Reliability, American Automobile Association. July 22 Track, Anaconda, Mont., R. A. Hiller, Manager. July 29 - Track, Great Falls, Mont., R. A. Hiller, Manager.

August 4 Speedway (dirt), Kansas City, Mo., Kansas City Speedway. August 5-Track, Billings, Mont., R. A. Hiller, Manager. September 3- Speedway, Cincinnati, Ohio, Cincinnati Motor Speedway. September 6 Track, Red Bank, N. J., Monmouth County Fair (H. P. Murphy, Racing Secretary).

September 8 Hill Climb, Pike's Peak, Col., Pike's Peak Auto Highway Com-September 15-†Speedway, Providence, R. L. Narragansett Park Speedway. September 22-Track, Allentown, Penn., Allentown Fair (H. P. Murphy,

Director of Contests). September 28-Track, Trenton, N. J., Interstate Fair (H. P. Murphy, Di ector of Contests). September 29- †Speedway, New York, N. Y., Sheepshead Bay Speedway. September 30 - Speedway, Uniontown, Penn., Uniontown Speedway Associa-

October 6-Speedway (dirt), Kansas City, Mo., Kansas City Speedway October 6-Speedway, Uniontown Penn., Uniontown Speedway Association. October 6-Track, Danbury, Conn., Danbury Fair (H. P. Murphy, Director f Contests) October 13- Speedway, Chicago, Ill., Speedway Park Association,

October 13 Track, Richmond, Va., Virginia State Fair (H. P. Murphy, Racing Secretary). October 27 Speedway, New York, N. Y., Sheepshead Bay Speedway

*Postponed from February. A. A. A. Championship Award Event.

Deflected Headlights Will Solve Glare Problem, Is Expert's View

Opposed Systems Discussed by Alden L. McMurtry, Wh. Is Not in Favor of Diffused Light

Arrangement

The Maine Automobile Association is headlights, with an idea of restricting he first in the field with a systematic anvass of automobile owners to ascertain who and what may be relied upon by the government in case of war.

A blank sent to every member of the lem read by Alden L. McMurtry before

the public, diffusion and deflection. Mr.

"The acetylene head lamp was universally used for road lighting until 1912, intrinsic brilliancy, which caused the effect of glare not only to all drivers but to all users of the highway.

The comparison of the two anti-glare methods was thus stated:

Diffusion West

candlepower of bulb do not electange in glare, provided bulb properly focussed. There is practify no limit to amount of light that can be used safely so long as it kept below the 42-inch limit. Warning beam can be seen many feet advance of car, and helps to redicontrast between approaching he lamps and roadway.

The height of a beam of light can absolutely determined in the daytis by looking into the lamps from point abead of the car and so adjust ing them that the reflected lightes not strike the eye when the latte more than 42 inches above the ground.

The confusion incident to the prob-

have as many of these duplicates of license as he desires merely upon mentary glare, due to the position of the car, must be permitted in order to gain the advantage of proper road illumination, while at the same time (by limiting the height of the beam of light) preventing the effect of glare probably over 85 per cent of the time the head lamps are in use.

"In suggesting any means for glare reduction which may possibly be adopted in future laws another thing must be remembered—the effectiveness of the law depends upon the manner in there may be a dozen or more can the car of more can the car of the remembered to glare the law depends upon the manner in there may be a dozen or more can the car.

trouble to get it. In the mean of the law depends upon the manner in which it can be enforced by the average officer. Therefore simplicity of regulations is much to be desired. The simplest method of determining glare reduction will be most effective because of the greater probability of universal enforcement.

"At the same time, in seeking simplicity and freedom from highly technicity and freedom from highly technically and freedom from highly technically and the manner of the machine for one method of the same time, in seeking simplicity and freedom from highly technically and freedom from highly technically and the mean of the mean of the machine for the mean of the machine for the mean of the machine for the mean of the machine and the mean of the mean of the mean of the machine and the sum of the mean of t

"At the same time, in seeking simplicity and freedom from highly technical requirements, it is unwise to allow regulations to drift into vagueness or ambiguity. The motorist wants to know precisely the limitations of the law. While he has every intention of complying with the law he also wants the best road illumination the law will permit. A source of light of one candle power will cause the effect of glare if of sufficient intrinsic brightness. Therefore the specification must not glare or dazzle is most vague. Until we have a standard unit of glare measurement we must not tolerate such vague requirements.

"The principle of the similation of the state in giving out licenses facilitate matters for the motorial self, too.

President Meter Garage. plicity and freedom from highly tech-

or glare measurement we must not to rerate such vague requirements.

"The principle of the irmitation of light zone has been indorsed by various organizations, including the Society of Automotive Engineers. It is the most effective from the motorist's point of view because it reduces glare with the least loss of useful light, and in most own or control vast tracts of the amount of the properties it reduces glare with the least loss of useful light, and in most own or control vast tracts of the results of the properties it reduces glare with the least loss of useful light, and in most own or control vast tracts of the results of the properties it reduces glare with the least loss of useful light, and in most own or control vast tracts of the results of the resul applications in creases the amount of timber, matured and available in it is the method most readily covered by a simple and available to been given to stands of young to been given to stands of young to be in the control was tracked and available to the control was tracked and the control was tracked and

"It is the method most readily covered by a simple and easily understood ordinance, an ordinance which is not only effective in accomplishing the desired result, but with which it is easily to comply and which it is easily to compl only effective in accomplishing the de-sired result, but with which it is easy to comply and which it is correspond-ingly easy to enforce. When once properly applied any change of voltage or candlepower of bulb (providing proper focus is maintained) does not alter its effectiveness. Bulbs of al-most any candle power may be used without altering in any way the light distribution or glare reduction.

"Unlike the diffusion method, there is jess glaring light near the car, and

is less glaring light near the car, and this is an important item where two cers are passing on a narrow road. Limiting the light zone will not, how-ever, prevent glare when the car is

passing over an uneven road, or over the top of a hill.
"One of the greatest factors of safety in night driving is the projection of light some distance in front of the car. It acts as a warning to others approach-

duction of the effect of glare."

Would Let Dealer Issue Licenses to Motor Car Owner

C. H. Larson, Motor Clui Head, Offers Suggestion to Secretary of State

"This To the Automobile Editor of D Tribune.
Sir: The abuse of the duplicate it matter of common knowledge and mimportance. Many serious results followed often from it. Under emconditions the dealer is permitted have as many of these duplicates of

Since there is only one place in city where he can make application in the place in the city where he can make application in the city where he can make application in the city with th

Wheelmakers Own Fores

